

1 MET-PRO-ALA-CYS-CYS-SER-CYS-SER-ASP-VAL-PHE-GLN-TYR-GLE-THR-ASN-LYS-VAL-THRARG  
 21 ILE-GLN-SER-MET-ASN-TYR-GLY-THR-ILE-LYS-TRP-PHE-PHE-HIS-VAL-ILE-ILE-PHE-SER-TYR  
 41 VAL-CYS-PHE-ALA-LEU-VAL-SER-ASP-LYS-LEU-TYR-GLN-ARG-LYS-GLU-PRO-VAL-ILE-SER-SER  
 61 VAL-HIS-THR-LYS-VAL-LYS-GLY-ILE-ALA-GLU-VAL-LYS-GLU-GLU-ILE-VAL-GLU-ASN-GLY-VAL  
 81 LYS-LYS-LEU-VAL-HIS-SER-VAL-PHE-ASP-THR-ALA-ASP-TYR-THR-PHE-PRO-LEU-GLN-GLY-ASN  
 101 SER-PHE-PHE-VAL-MET-THR-ASN-PHE-LEU-LYS-THR-GLU-GLY-GLN-GLU-GLN-ARG-LEU-CYS-PRO  
 121 GLU-TYR-PRO-THR-ARG-ARG-THR-LEU-CYS-SER-SER-ASP-ARG-GLY-CYS-LYS-LYS-GLY-TRP-MET  
 141 ASP-PRO-GLN-SER-LYS-GLY-ILE-GLN-THR-GLY-ARG-CYS-VAL-VAL-HIS-GLU-GLY-ASN-GLN-LYS  
 161 THR-CYS-GLU-VAL-SER-ALA-TRP-CYS-PRO-ILE-GLU-ALA-VAL-GLU-GLU-ALA-PRO-ARG-PRO-ALA  
 181 LEU-LEU-ASN-SER-ALA-GLU-ASN-PHE-THR-VAL-LEU-ILE-LYS-ASN-ASN-ILE-ASP-PHE-PRO-GLY  
 201 HIS-ASN-TYR-THR-THR-ARG-ASN-ILE-LEU-PRO-GLY-LEU-ASN-ILE-THR-CYS-THR-PHE-HIS-LYS  
 221 THR-GLN-ASN-PRO-GLN-CYS-PRO-ILE-PHE-ARG-LEU-GLY-ASP-ILE-PHE-ARG-GLU-THR-GLY-ASP  
 241 ASN-PHE-SER-ASP-VAL-ALA-ILE-GLN-GLY-GLY-ILE-MET-GLY-ILE-GLU-ILE-TYR-TRP-ASP-CYS  
 261 ASN-LEU-ASP-ARG-TRP-PHE-HIS-HIS-CYS-HIS-PRO-LYS-TYR-SER-PHE-ARG-ARG-LEU-ASP-ASP  
 281 LYS-THR-THR-ASN-VAL-SER-LEU-TYR-PRO-GLY-TYR-ASN-PHE-ARG-TYR-ALA-LYS-TYR-TYR-LYS  
 301 GLU-ASN-ASN-VAL-GLU-LYS-ARG-THR-LEU-ILE-LYS-VAL-PHE-GLY-ILE-ARG-PHE-ASP-ILE-LEU  
 321 VAL-PHE-GLY-THR-GLY-GLY-LYS-PHE-ASP-ILE-ILE-GLN-LEU-VAL-VAL-TYR-ILE-GLY-SER-THR  
 341 LEU-SER-TYR-PHE-GLY-LEU-ALA-ALA-VAL-PHE-ILE-ASP-PHE-LEU-ILE-ASP-THR-TYR-SER-SER  
 361 ASN-CYS-CYS-ARG-HIS-HIS-ILE-TYR-PRO-TRP-CYS-LYS-CYS-CYS-GLN-PRO-CYS-VAL-VAL-ASN  
 381 GLU-TYR-TYR-TYR-ARG-LYS-LYS-CYS-GLU-SER-ILE-VAL-GLU-PRO-LYS-PRO-THR-LEU-LYS-TYR  
 401 VAL-SER-PHE-VAL-ASP-GLU-SER-HIS-ILE-ARG-MET-VAL-ASN-GLN-GLN-LEU-LEU-GLY-ARG-SER  
 421 LEU-GLN-ASP-VAL-LYS-GLY-GLN-GLU-VAL-PRO-ARG-PRO-ALA-MET-ASP-PHE-THR-ASP-LEU-SER  
 441 ARG-LEU-PRO-LEU-ALA-LEU-HIS-ASP-THR-PRO-PRO-ILE-PRO-GLY-GLN-PRO-GLU-GLU-ILE-GLN  
 461 LEU-LEU-ARG-LYS-GLU-ALA-THR-PRO-ARG-SER-ARG-ASP-SER-PRO-VAL-TRP-CYS-GLN-CYS-GLY  
 481 SER-CYS-LEU-PRO-SER-GLN-LEU-PRO-GLU-SER-HIS-ARG-CYS-LEU-GLU-GLU-LEU-CYS-CYS-ARG  
 501 LYS-LYS-PRO-GLY-ALA-CYS-ILE-THR-THR-SER-GLU-LEU-PHE-ARG-LYS-LEU-VAL-LEU-SER-ARG  
 521 HIS-VAL-LEU-GLN-PHE-LEU-LEU-LEU-TYR-GLN-GLU-PRO-LEU-LEU-ALA-LEU-ASP-VAL-ASP-SER  
 541 THR-ASN-SER-ARG-LEU-ARG-HIS-CYS-ALA-TYR-ARG-CYS-TYR-ALA-THR-TRP-ARG-PHE-GLY-SER  
 561 GLN-ASP-MET-ALA-ASP-PHE-ALA-ILE-LEU-PRO-SER-CYS-CYS-ARG-TRP-ARG-ILE-ARG-LYS-GLU  
 581 PHE-PRO-LYS-SER-GLU-GLY-GLN-TYR-SER-GLY-PHE-LYS-SER-PRO-TYR

FIGURE 1

Sequence of human P2X<sub>7</sub> receptor (SEQ ID NO:1)